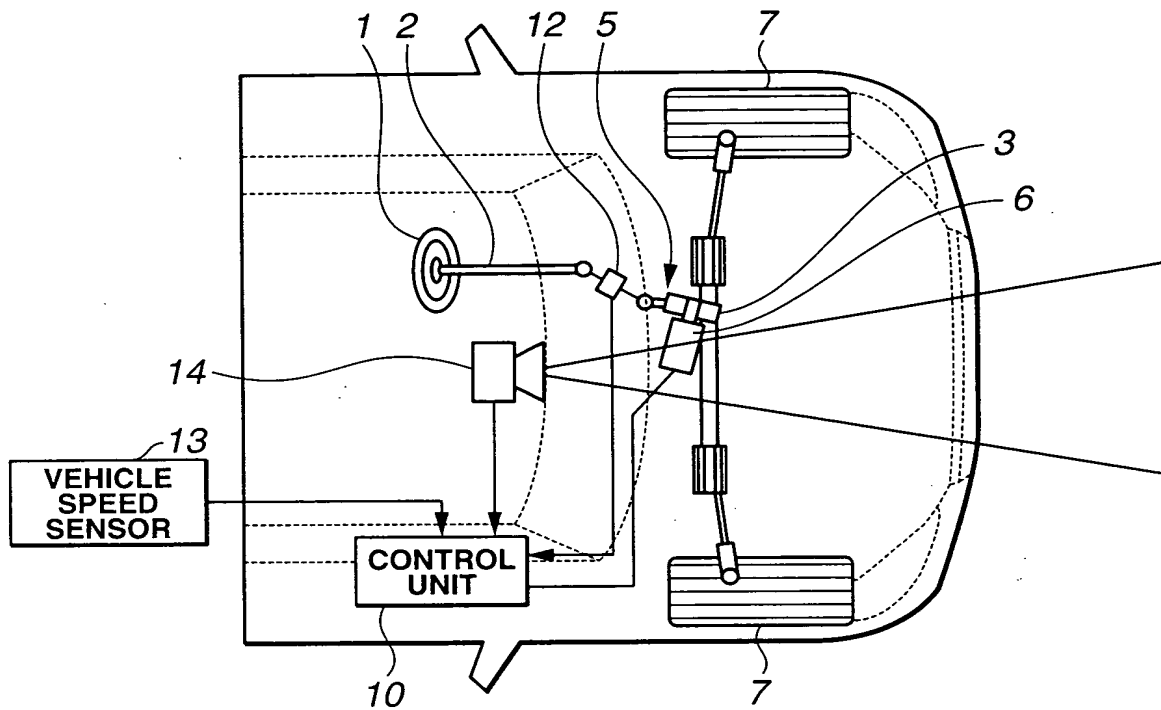


**FIG.1**



**FIG.2**

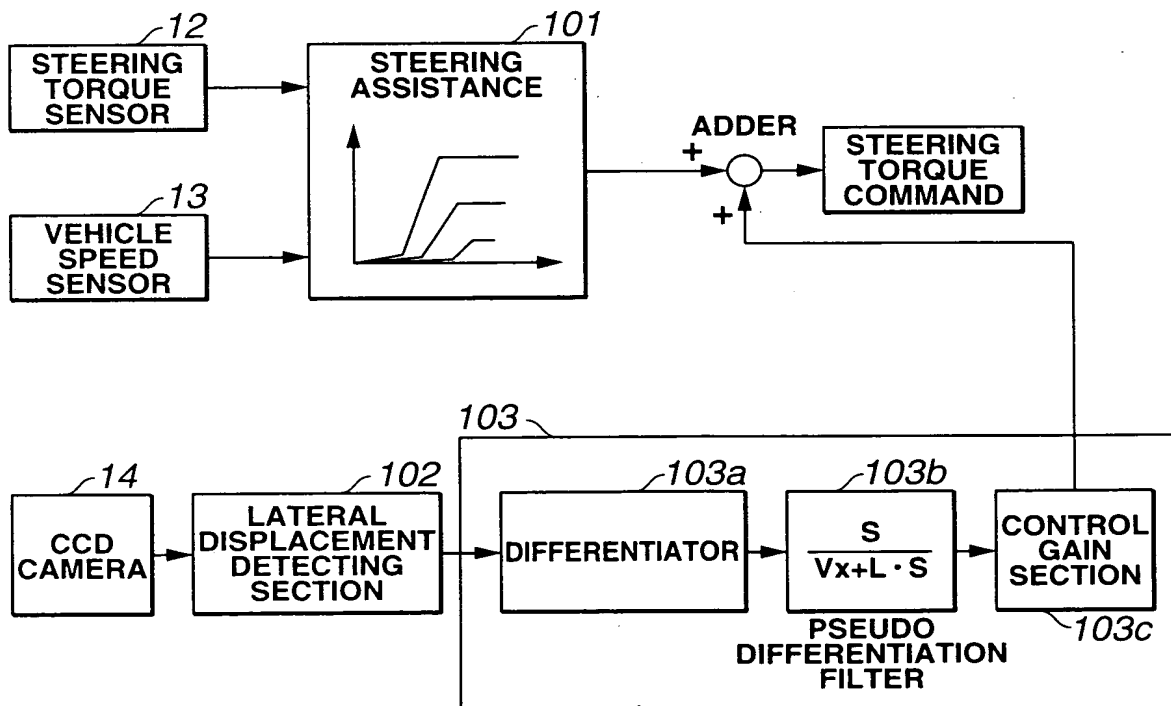
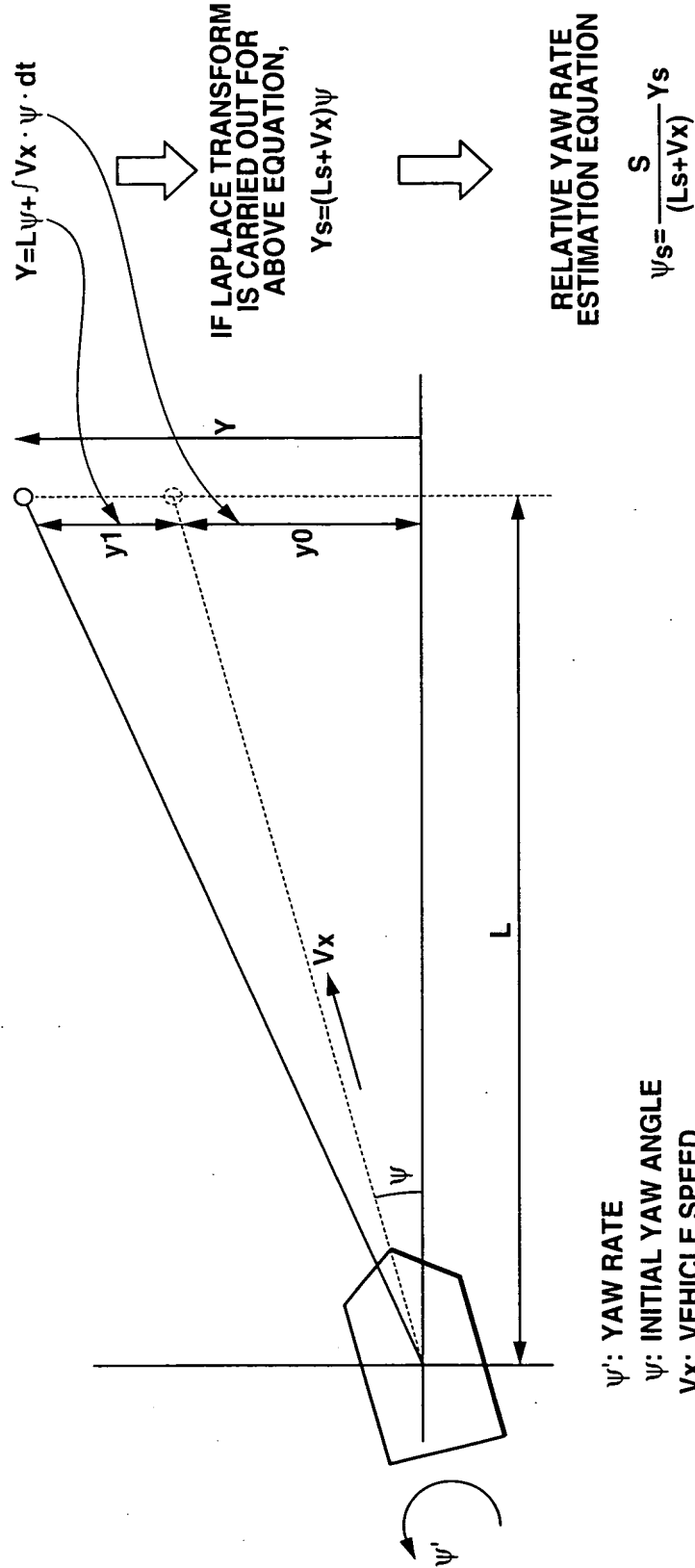


FIG.3



- $\psi'$ : YAW RATE
- $\psi$ : INITIAL YAW ANGLE
- $Vx$ : VEHICLE SPEED
- $Y$ : ESTIMATED LATERAL DISPLACEMENT OF A VEHICLE  $L$  (m)  
AHEAD THEREOF AS VIEWED FROM CAMERA IMAGE
- $y0$ : DEVIATION QUANTITY  $L$  (m) AHEAD OF THE VEHICLE  
IN A CASE OF ZERO YAW RATE
- $y1$ : DEVIATION QUANTITY  $L$  (m) AHEAD OF THE VEHICLE DUE TO  
A DEVELOPMENT OF YAW RATE

**FIG.4**

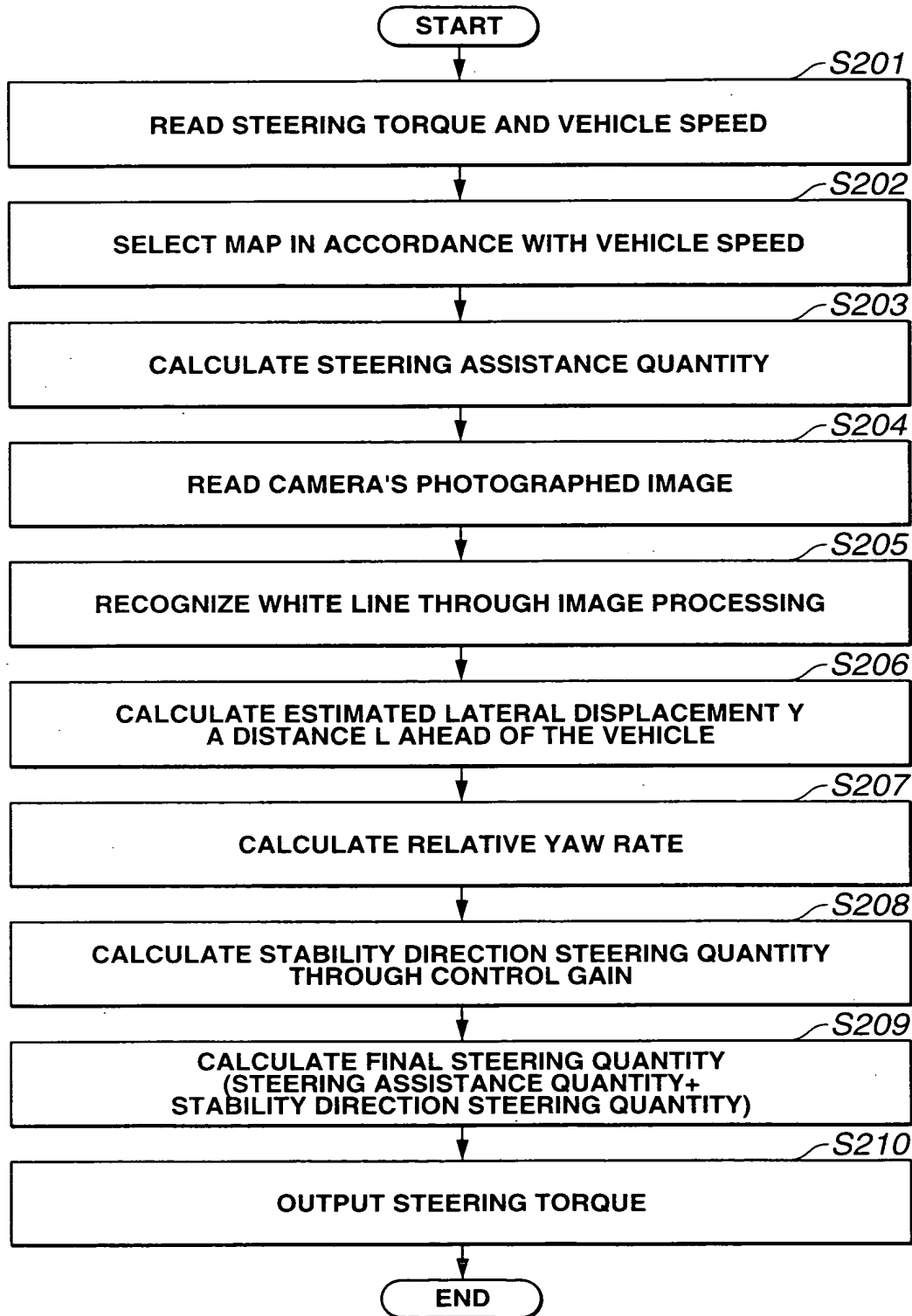
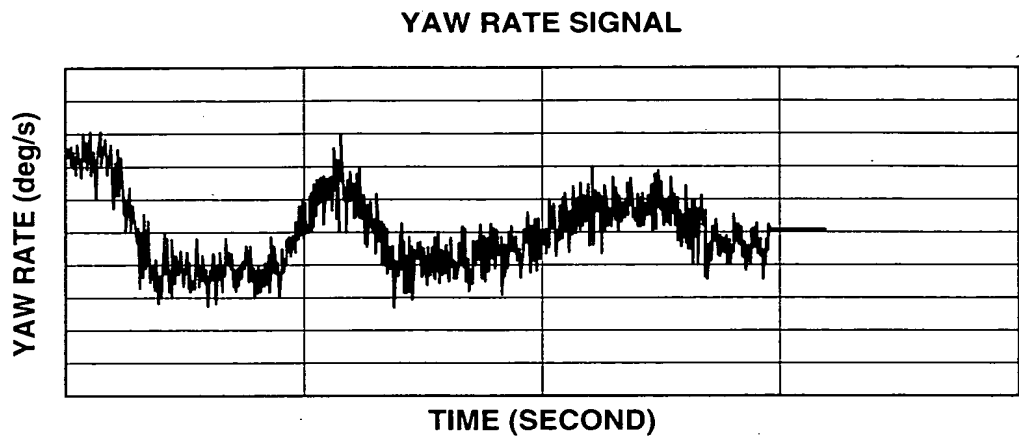
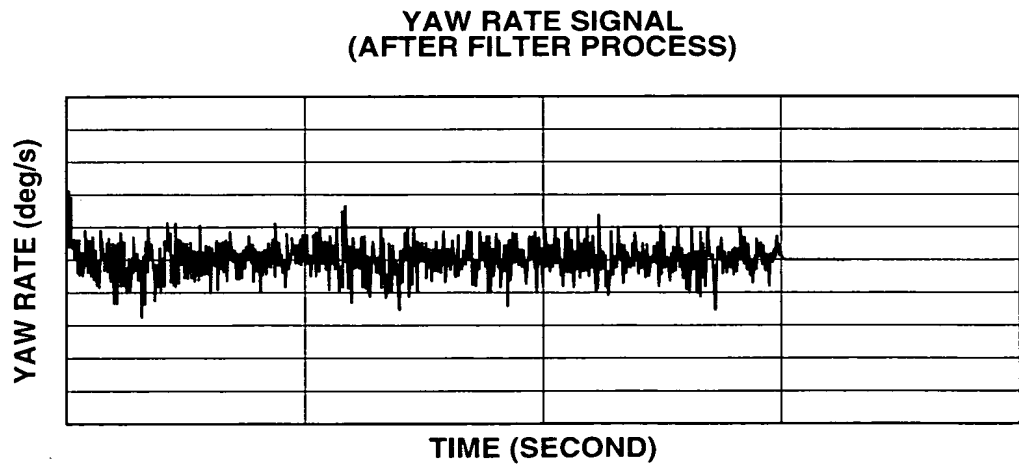


FIG.5



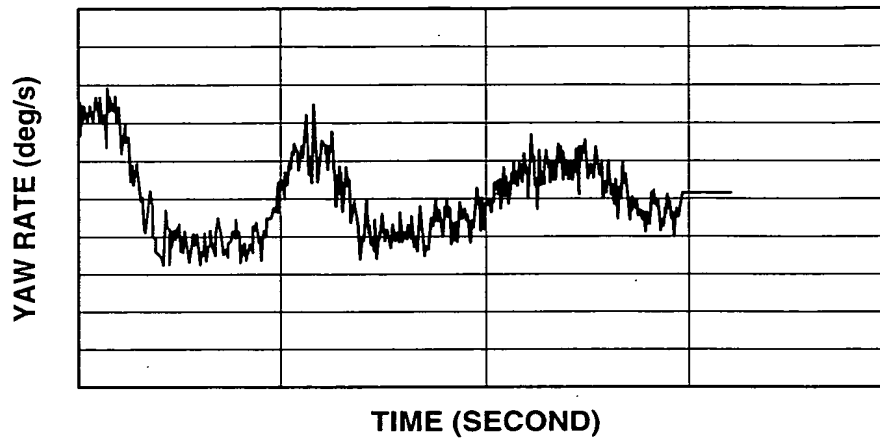
DETECTED YAW RATE SIGNAL

FIG.6



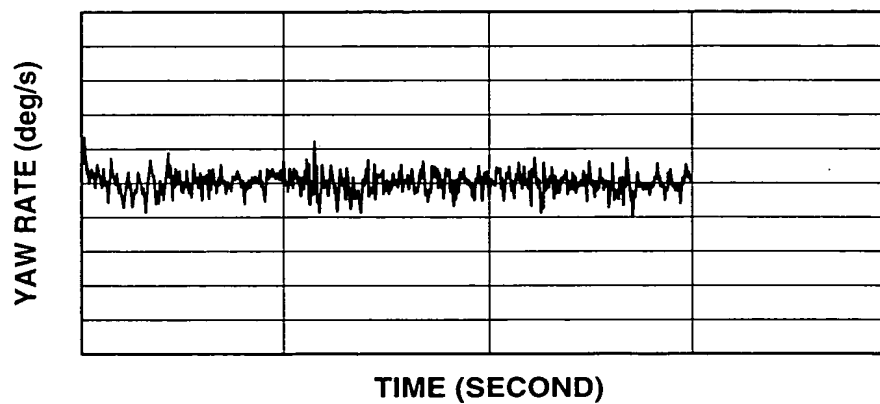
YAW RATE SIGNAL AFTER BAND PASS FILTER PROCESS

**FIG.7**



**YAW RATE SIGNAL AFTER CONTROL EXECUTION**

**FIG.8**



**YAW RATE SIGNAL AFTER CONTROL EXECUTION  
(BAND PASS FILTER PROCESS)**